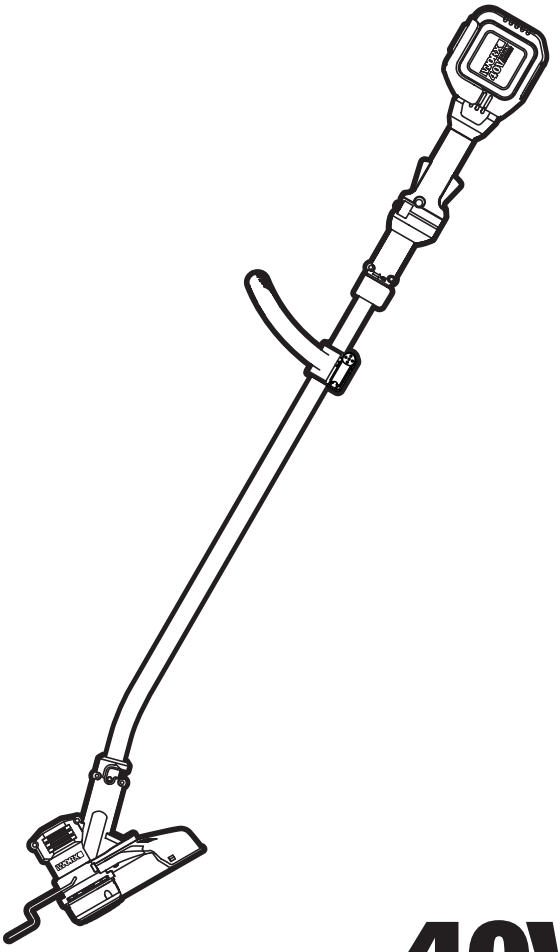
WORX®



40V MAX** LITHIUM

SAFETY AND OPERATING MANUAL

Cordless Lawn Trimmer
Lawn Edge Trimmer

WG168E

GENERAL POWER TOOL SAFETY WARNINGS

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.
The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3) PERSONAL SAFETY

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

h) Keep handles dry, clean and free from oil and grease. Slippery handles do not allow for safe handling and control of the tool in unexpected situations.

5) BATTERY TOOL USE AND CARE

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SAVE THESE INSTRUCTIONS

ADDITIONAL SAFETY REQUIREMENTS FOR YOUR LAWN TRIMMER

This grass trimmer is designed for cutting grass and similar soft vegetation and for trimming grass edges in private and hobby garden areas which are not accessible with a lawnmower.

The device is not allowed to be used in public gardens, parks, sports centres or at roadsides as well as in agriculture and forestry.

This lawn trimmer is not allowed to be used for cutting or chopping:

- Hedges, shrubs and bushes,
- Flowers,
- In terms of composting.

Otherwise, there is a risk of injury.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

1. Read the instructions carefully. Be familiar with the controls and proper use of the equipment.
2. Wear eye protection.
3. Never allow children or people unfamiliar with these instructions to use the trimmer.
4. Avoid using the trimmer, while people, especially children or pets, are nearby.
5. Use the trimmer only in daylight or good artificial light.
6. Never operate the trimmer with damaged guards or shields or without guards or shields in place.
7. Switch on the motor only when the hands and feet are away from the cutting means.
8. Never fit metal cutting elements.
9. Use only the manufacturer's recommended replacement parts and accessories.
10. Disconnect the battery from the trimmer before carrying out maintenance or cleaning work.
11. Inspect and maintain the trimmer regularly. Have the trimmer repaired only by an authorized repairer.
12. Take care against injury from the blade(s) fitted for trimming the filament line length. After extending new cutter line, always return the trimmer to its normal operating position before switching on.
13. Always ensure that the ventilation openings are kept clear of debris.
14. When not in use, store the trimmer out of the reach of children.
15. Wear protective glasses or goggles;
16. Before using the machine and after any impact, check for signs of wear or damage and repair as necessary;
17. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

MAINTENANCE

a) When not in use store the machine out of the reach of children;
b) After use, disconnect the battery from the machine and check for damage;
c) Use only manufacturers recommended replacement parts and accessories.
d) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained;

⚠ WARNINGS:

- Read the instructions carefully,
- Be familiar with the controls and proper use of the equipment;
- Warning. Cutting elements continue to rotate after the motor is switched off,

SAFETY INSTRUCTIONS FOR BATTERY PACK

a) Do not dismantle, open or shred cells or battery pack.
b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
d) Do not subject battery pack to mechanical shock.
e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
f) Seek medical advice immediately if a cell or battery pack has been swallowed.
g) Keep battery pack clean and dry.

h) Wipe the battery pack terminals with a clean dry cloth if they become dirty.

i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.

j) Do not maintain battery pack on charge when not in use.

k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

l) Battery pack gives its best performance when it is operated at normal room temperature (20°C ± 5°C).

m) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.

n) Recharge only with the charger specified by POSITEC. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

o) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

p) Under abusive conditions, liquid may be ejected from the battery pack; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

q) Clean the battery pack contacts and also those of the equipment prior to battery installation.

r) Remove exhausted battery pack promptly.

s) Do not use any charger other than that specifically provided for use with the equipment.

t) Do not use any battery pack which is not designed for use with the equipment.

u) Keep battery pack out of the reach of children.

v) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

w) Retain the original product literature for future reference.

x) Remove the battery from the equipment when not in use.

y) Dispose of properly.

SYMBOL

Read instruction sheet

Keep bystanders away

Wear eye protection

Do not expose to moisture

N12702

C-Tick approval mark

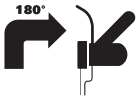
Do not burn

Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.

Li-Ion

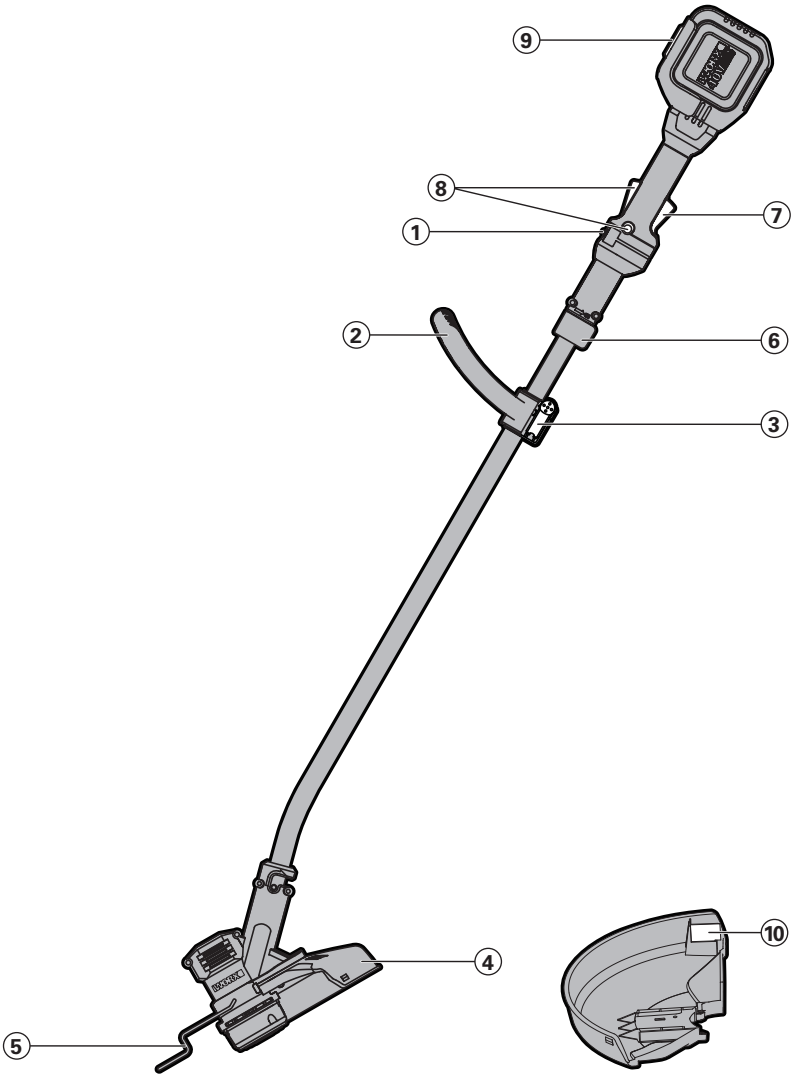
Li-Ion

Li-ion battery. This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.



Edging

Trimming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1. THREE SPEED SETTINGS
2. AUXILIARY HANDLE
3. AUXILIARY HANDLE LOCKING CLAMP
4. SAFETY GUARD
5. EDGE GUIDE
6. SHAFT LOCKING KNOB
7. ON/OFF SWITCH
8. LOCK OFF SWITCH
9. BATTERY PACK
10. LINE CUTTER
11. TRIMMER HEAD COVER (See Fig. I2)
12. CAP RELEASE LATCH (See Fig. I2)
13. SPOOL (See Fig. I2)
14. TRIMMER HEAD (See Fig. I2)
15. EYELET (See Fig. I2)
16. LINE FEED BUTTON (See Fig. I1)

* Not all the accessories illustrated or described are included in standard delivery.

TECHNICAL DATA

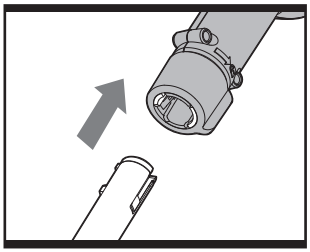
Voltage	40V ⎓ Max**
No load speed	8300/min
Cutting diameter	33cm
Line diameter	2.0mm
Charging time	1hr
Machine weight	3.5kg

** Voltage measured without workload. Initial battery voltage reaches maximum of 40 volts. Nominal voltage is 36 volts.

ACCESSORIES

Charger (WA3735) **1**
Battery pack (WA3536) **1**
Spool (WA0200) **1**

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.



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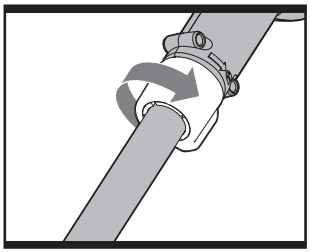

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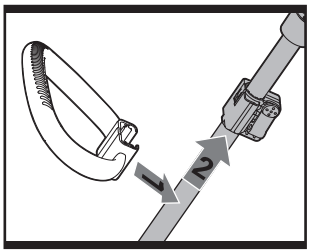
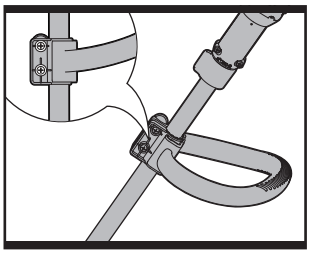


B1



B2

ASSEMBLY

1. ASSEMBLY OF THE MAIN HANDLE (See Fig. A1, A2)

Align and insert the shaft into the upper housing until a click can be heard. Make sure the grooves are correctly matched. (See Fig. A1).

Tighten the shaft locking knob in the direction indicated to lock (See Fig. A2).

NOTE: Make sure that the handle is firmly locked in place

2.ASSEMBLY OF THE AUXILIARY HANDLE (See Fig. B1, B2)

Slide the auxiliary handle onto the grooves of auxiliary handle support until a click can be heard. And make sure the auxiliary handle locking clamp is closed. (See Fig. B1)

NOTE: Make sure the handle is firmly secured in place.

If the handle is loose, then tighten the 2 side screws. (See Fig. B1)

3. ASSEMBLY OF THE SAFETY GUARD (See Fig. C1, C2, C3)

Remove the screw from the bottom of the trimmer head--then attach the safety guard to the housing.

Secure the guard in place by the refitting of the screw (a).

Remove the line cutter protection tape. (See Fig. C3)

OPERATION INSTRUCTIONS

WARNING! The charger and battery pack are specially designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because of an electrical failure and hazard will occur.

1. BEFORE USING YOUR CORDLESS GRASS TRIMMER

The battery pack included is shipped UNCHARGED. You must charge before first use.

The battery charger supplied was designed to only charge the Li-Ion battery also supplied. Do not use another battery charger.

2. CHARGING YOUR BATTERY PACK

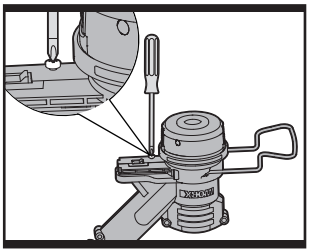
The Li-Ion battery is protected against deep discharging.

When the battery is empty, the machine will switch off by means of a protective circuit: The trimmer head no longer rotates.
In a warm environment or after heavy use, the battery pack may become too hot to permit charging. Allow time for the battery to cool down before recharging.

3. TO REMOVE OR INSTALL BATTERY PACK (See Fig. D1, D2)
Depress the battery release button to release battery pack from your trimmer (See Fig. D1). After recharging, insert the battery pack into trimmer's battery port (See Fig. D2). A simple push and slight pressure will be sufficient until a click is heard.
NOTE: When removing the battery pack, hold it firmly to avoid dropping and injury.

4. BATTERY STATUS LED'S (See Fig. E)
NOTE: The Status LED's will indicate the battery condition when the button on the battery is pressed.
The LED's constantly senses and displays the battery condition as follows:
Press the button "POWERTEST", the light button is illuminated.
When the three green lights are illuminated, the battery is in a highly charged condition.
When two lights ( ) are illuminated, the battery is in a moderately charged condition.
When only one green light ( ) is illuminated, the battery charge is depleted.
IMPORTANT:
When only one light is illuminated, your battery is overly discharged, even though the trimmer may still be capable of cutting grass. Continuing to operate your trimmer with the battery in this discharged condition may reduce the life and performance of your battery.

5. SAFETY ON/OFF SWITCH (See Fig. F)
Your trimmer has two Lock OFF switches (8) to prevent accidental starting. Depress the Lock OFF switches and the On/OFF lever (7) to start your trimmer. To switch off, just release the on/off switch.
WARNING! The cutting head continues to rotate after the trimmer has been switched off; wait until it has completely stopped then lay down the tool.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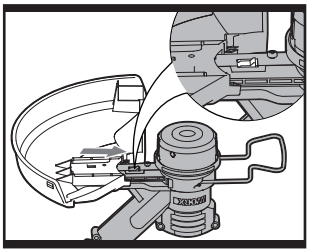
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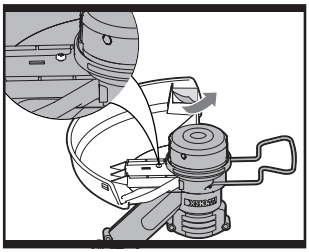
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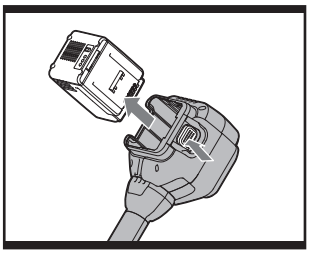
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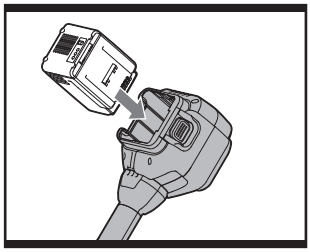

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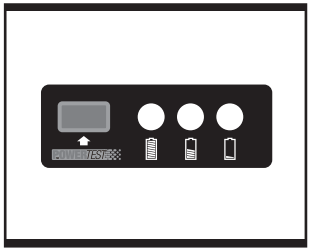

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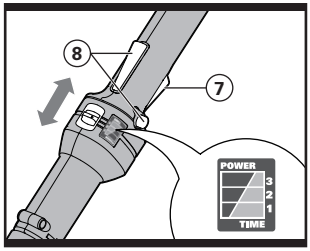

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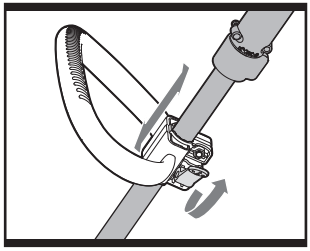


G

6.THREE SPEED SETTINGS (See Fig. F)
Your machine is fitted with a 3 Speed selector button
Speed 1 –Used for basic light trimming of short grass
Speed 2 –Used for medium / longer grass trimming –ie. trimming against walls/fences etc.
Speed 3 –Used for tough over grown area's of long grass.

7. ADJUSTMENT OF AUXILIARY HANDLE (See Fig. G)
Release the auxiliary handle locking clamp, move the the auxiliary handle to the most comfortable and balanced position. Close the clamp to tighten the handle.
NOTE: Make sure the handle is firmly secured in place.

OPERATION

WARNING: Always wear the eye protection. Never lean over the trimmer head. Rocks or debris can ricochet or be thrown into eyes and face and cause blindness or other serious injury. When operating unit, check for the following:
Wear eye protection and heavy clothing. Hold front handle with one hand and auxiliary handle with the other hand. Keep unit below waist level. Work only from your right to your left to ensure debris is thrown away from you. Without bending over, keep line near and parallel to the ground (perpendicular when edging) and not crowded into material being cut.

WARNING: Make sure that line is fed out before operation. Make sure motor is up to full speed before trimming.

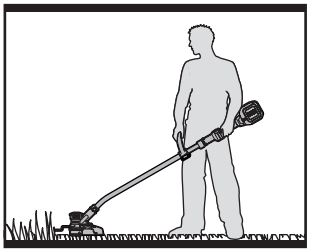
WARNING: Use only 2.0mm diameter cutting line. Other sizes of line will not feed properly and will result in improper cutting head function or can cause serious injury. Do not use other material such as wire, string, rope, etc. Wire can break off during cutting and become a dangerous projectile that can cause serious injury.

Trimming
Postion the trimmer head as shown in Fig. H1 for trimming.
Keep the bottom of the trimmer head just above the ground and at an angle. Allow only the tip of line to make contact. Do not force trimmer line into work area.

Edging (See Fig. H1, H2, H3)

⚠ ALWAYS REMOVE THE BATTERY PACK BEFORE ADJUSTING THE TRIMMER HEAD POSITION

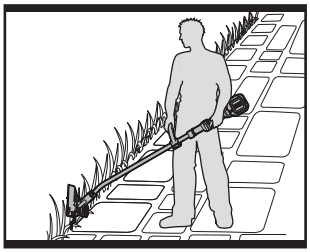
For edging, position the trimmer head as Fig.H2.
To rotate the trimmer head to edging—first hold the trimmer shaft as shown in fig H3---then with your other hand hold the trimmer head - Push down and rotate 180 degrees and then release- the trimmer will then lock into the edging position automatically—Fig H4
NOTE: The trimmer head will only rotate in one direction.
The edge guide helps protect the unit and keeps the unit from contacting the ground. Take extra caution while edging as objects can be thrown from the trimmer line.



H1

AUTOMATIC LINE FEED SYSTEM

When initially switching ON the trimmer, a small length of line is fed out.
A 'clattering' noise will be heard when the lines hit the line cutter. **DO NOT BE ALARMED**, this is normal.
After about 5 seconds the line will be cut to the correct length and the noise will reduce as the motor receives full speed.
If the noise of the line being cut can't be heard, more line will need to be fed out.
To feed more line, it is first necessary to allow the trimmer to stop completely, then restart, allowing the motor to reach full speed.
Repeat above until you hear the lines hitting against the line cutter.

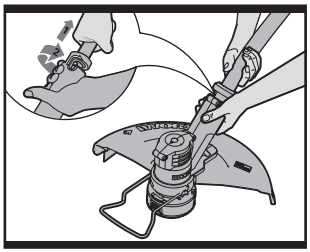


H2

TO MANUALLY FEED THE LINE (See Fig. I1)

⚠ ALWAYS REMOVE THE BATTERY PACK BEFORE ADJUSTING THE TRIMMER HEAD POSITION

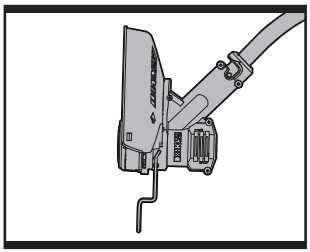
If required, line can be feed out manually
To operate, press and release manual line feed button (16), while gently pulling out the line until it is long enough to reach the line cutter.
If the line extends past the line cutter, too much line has been fed out.
If too much line is fed out, remove the spool cap and turn spool counter-clockwise until the line is at the desired length.



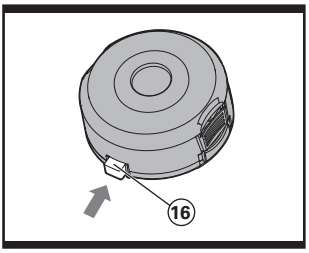
H3

TO REMOVE THE CAP (See Fig. I2)

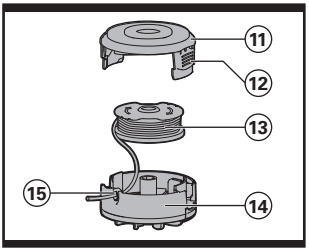
- Press and hold the two latches (12).
- Pull cap away from the spool holder



H4



I1



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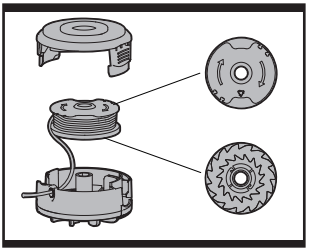

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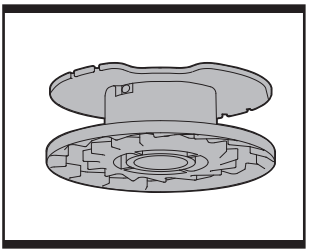


K1

- When refitting the spool cap, keep all areas of the cap and spool holder clean.
- Replace the cap, pressing firmly down towards the spool holder to ensure cap is fully located into position.
- Check that the cap is correctly fitted by trying to remove it without depressing the two latches.

REPLACE THE TRIMMER LINE AND SPOOL (See Fig. J).

⚠ ALWAYS REMOVE THE BATTERY PACK BEFORE ADJUSTING THE TRIMMER HEAD POSITION

- Remove Spool Cap Cover.
- For your convenience it is recommended you buy replacement spools with the trimmer line preinstalled.
- Remove the old Spool from Spool Holder. Clear any broken line or cutting debris from the spool area.
- Pull the line from the new replacement Spool through the eyelet of the Spool Holder.
- Place new Spool into the holder with the **cut out areas of the Spool facing inward or down. When installed into the Spool Holder, the smooth side of the Spool should be visible.**
- Release line from cleat on the Spool.
- Refit the Spool Cap Cover.

TO MANUALLY WIND LINE
(See Fig. K1-K4)

Take approximately 6m of line. Insert 2mm of line into the Spool holes and wind line in the direction of the arrows on the top of the Spool.

Leave approximately 100mm of line unwound and place into the cleat.

Ensure that the line is neatly coiled on the Spool. Failure to do so will impair the efficiency of the automatic line feed.

Then fit the Spool as described above in "**Replace the trimmer line and Spool**"

STORING YOUR GRASS TRIMMER

Always remove the battery pack from your trimmer after use.

Store in a dry place where the trimmer and battery can be protected from damage.

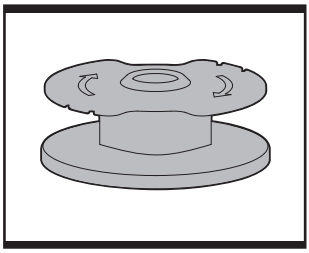
MAINTENANCE

Always remove the battery pack from your trimmer after use.

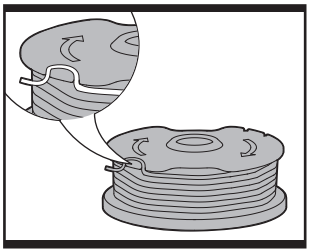
Always check the product prior to being used for any damage.

Never operate your product if it is damaged

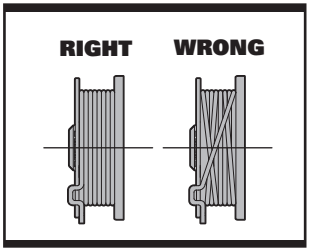
Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust.



K2



K3



K4

TROUBLESHOOTING

The following table gives checks and actions that you can perform if your machine does not operate correctly. If these do not identify and correct the problem, contact your service agent.

WARNING: Switch the machine off and remove the battery prior to any troubleshooting.

Problems	Possible Causes	Corrective Action
Trimmer fails to operate.	Battery discharged. Battery too hot/cold. Motor is broken. Internal wiring of machine damaged.	Recharge battery; also see the content in charger manual. Allow to cool/warm. Contact Service Agent. Contact Service Agent.
Trimmer runs intermittently.	Motor is broken. Battery not fully charged. On/Off switch defective.	Contact Service Agent. Recharge battery. Contact Service Agent.
Excessive vibrations/noise.	Machine defective. Line spool is not wound well.	Contact Service Agent. Rewind the line. See "To fit spool and line assembly."
Cutting time per battery charge too low.	Battery has not been used for long period or only charged for short term. Grass too high. Battery defective.	Fully charge battery; also see the content in charger manual. Cut in stages. Replace the battery.
Machine does not cut.	Line broken. Battery not fully charged. Motor is broken (speed is too low). Grass entangled around cutting head.	Replace the line. Recharge battery; also see the content in charger manual. Contact Service Agent. Remove grass.
Continuous lighting of the battery charge indicator No charging procedure possible.	Battery not (properly) inserted. Battery contacts contaminated. Battery defective.	Properly insert battery into battery charger. Clean the battery contacts (e.g. by inserting and removing the battery several times) or replace the battery. Replace the battery.
Battery charge indicator does not light up.	Plug of battery charger not plugged in (properly). Socket outlet, mains cable or battery charger defective.	Insert mains plug (fully) into the socket outlet. Check the mains voltage; have the battery charger checked by an authorized after-sales service agent.
Auto feed does not work	Cutting line is not wound well. The line is tangled. Line is used up.	Manually feed the line, if still can not feed out, remove the Spool out and rewind the line. Replace with a new line spool.

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